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of

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for

**SYSTEMS AND METHODS FOR CONTACT MANAGEMENT AND
CAMPAIGN MANAGEMENT**

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DEPARTMENT OF THE ARMY

[0001] This application claims the benefit of U.S. Provisional Application No. 60/216,441 filed July 6, 2000 and entitled “Method and System for Database Management and Messaging,” which is incorporated herein by reference. This application also claims the benefit of U.S. Provisional Application No. 60/275/187 filed March 12, 2001 and entitled “Database Management and Messaging Training,” which is incorporated herein by reference.

[0002] This application includes 2 (two) identical compact discs: copy 1 and copy 2. The computer program listing appendix contained on each disc is hereby incorporated by reference. The files contained on the compact discs, their dates of creation, and their sizes in bytes are included in the attached appendix.

The Field of the Invention

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Background and Related Art

[0004] Marketing strategies have existed for a number of years. Most computer-enhanced marketing strategies, however, simply automate existing marketing strategies. Computer-enhanced marketing strategies have allowed salespersons to store significant amounts of information about people or individuals. However, salespersons are unable to effectively use the stored information because they do not have tools permitting them to efficiently and effectively access and share the stored data.

[0005] In general, existing marketing systems store data that would assist salespersons in making sales, but cannot adequately present the data to the salesperson. Sometimes the right information is not presented. Often, too much information is presented and the salesperson must wade through it to obtain the needed information. In short, existing systems provide basic tools for allowing salespersons to access data and make sales, but they lack many advanced tools that would enhance the efficiency of the marketing process.

[0006] Another problem in the art is that most marketing methods do not translate well to other marketing situations. There exists a need in the art for a method which is flexible enough to handle simple marketing methods (e.g., telemarketers) as well as extremely complex and detailed marketing (e.g., stockbrokers).

[0007] Furthermore, many marketing strategies or methods require support staff. These staff members may require some of the same information that is required by a salesperson in order to fulfill their different tasks. At the same time, all of the people involved in a marketing strategy need to be able to communicate their actions to each other in an organized manner. This becomes especially important as the sales force becomes larger and extends beyond a single sales office.

[0008] Another problem with automated marketing methods is that they are generally targeted towards mass sales marketing (i.e., mass mailings, mass phone calls, etc.). However, these types of marketing methods do not translate well into conducting business on a one-to-one basis and vice versa. A good marketing technique needs both the ability to draw clients using mass marketing techniques and the ability to deal with clients on a group and individual basis.

[0009] One problem in marketing is handling the mobile nature of people. Some have multiple residences. Others spend significant amounts of time on extended vacations where they can be reached temporarily. Some families have children living away from home. Naturally, a sales representative trying to send a simple birthday card to a child of the family living away from home would not want to override the main contact address with that child's address. On the other hand, it is time consuming for sales representatives to hand-address envelopes and it detracts from their ability to pursue additional sales. Furthermore, some people are more easily reached by e-mail or by fax. Previous methods for overriding addresses have been inadequate in allowing sales representatives to indicate which phone number and/or addresses are active and which are not active at a given time, let alone indicating when or in what situations the should be used.

[0010] Additionally, because marketing methods may be addressed to a wide variety of situations, salespersons need flexibility in deciding what type of information is necessary and required for a particular situation. Many marketing methods do not allow salespersons to manipulate the database where customer information is stored.

[0011] Finally, in any given marketing or sales system, the salesperson is faced with similar types of responses or situations. For any particular situation, certain known actions

are required to meet the requirements of that situation. It would be an advantage in the art if the salesperson could ensure that the same appropriate actions are taken in similar situations so that the client is effectively handled. Furthermore, it would be advantageous if a system were provided so that no actions required to handle a situation are forgotten, especially if multiple users may be handling a particular client and even more so if multiple users are handling multiple clients.

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SUMMARY OF THE INVENTION

[0012] These and other problems have been successfully overcome by the present invention, which is directed to systems and methods for implementing contact management and campaign management. Advantageously, the present invention provides improved systems and methods of presenting information that facilitates the ability of a user to implement contact management actions. The present invention provides functionality to assist in the performance of contact and/or campaign management actions. The systems and methods described herein, while often discussed with reference to either contact management or campaign management, are intended to apply to both contact management and campaign management.

[0013] These and other advantages are implemented through modules that enhance the ability of a user to implement contact management and/or campaign management on a contact group or a collection of contact groups. A contact group is defined as the basic unit for which contact management and campaign management are performed.

[0014] The ability of a user to access data about a contact group is an important aspect of contact management and campaign management. Access to this data is achieved through a data interface that allows access to the data in multiple ways, thus enhancing a salesperson or staffer's ability to access and use the information on a contact group that is stored in a database. The data interface includes, but is not limited to, a search module, a scheduler module, an info sheet module, and a database maintenance module. Each module of the data interface provides a user with access to the data of one or more contact groups. Often, the same data may be retrieved from each module, but each module may access or refer to the data in a different way. Each user of the various modules included in the data

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interface often has responsibilities that are different from other users of these modules. As a result, each module can be focused to the duties of a particular user, while providing an overview of the actions that are assigned to other users.

[0015] The search module tool allows the user to maneuver around the contact and/or campaign management system and search for a contact group or for information about the contact group or individuals in the contact group, while the info sheet module provides basic information on a particular contact group. The database maintenance module permits updating the data associated with or stored for an individual contact group or a collection of contact groups.

[0016] Advantageously, the contact and/or campaign management actions are context sensitive and can be viewed by a user from different perspectives. These perspectives provide a user with an immediate knowledge of which contact management actions have been performed and which contact management actions have not been performed for any particular contact group. This allows a user, for example, who may not have any prior knowledge of the contact group to efficiently address any concerns that may be raised by the contact group.

[0017] Within a contact group, an unlimited number of individuals, mailing addresses, email addresses, voice/telephone numbers, facsimile number, and the like can be store. The address module permits a user to associate individuals within a contact group with different addresses, including e-mail addresses, telephone numbers, and fax numbers. The messaging module allows a user to select a preferred channel of communication (printed letter, e-mail, or fax for example) for all messages sent to a contact group.

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[0018] The user can also automate or initiate a sequence of contact management actions through use of an action module. The action module addresses situations where similar responses are required and ensures, in many cases, that these situations will be handled in a consistent manner. The action module also ensures that all of the contact management actions that should be performed for a given situation are performed. A worksheet module is also provided that allows the user to utilize the data stored for a contact group in a way that may be undefined. In other words, the worksheet module allows a user to effectively customize the stored data. In addition, the worksheet module is able to incorporate data that may not be stored in the database where the contact group data is maintained.

[0019] Campaign management is similar to contact management, but is directed to more than one contact group and the present invention also addresses those situations that are specific to campaigns. Thus, many of the systems and methods described herein apply to both campaign management and contact management. A user, for example, is able to create and/or modify campaigns. The user is also able to execute instances of a campaign. As each campaign is executed or performed, the user is able to monitor and govern the campaign. In one example, contact groups within a campaign are on tracks. The campaign management actions that are performed for any set or subset of contact groups within a campaign is dependent on the track of those contact groups.

[0020] These and other features and advantages of the present invention will be set forth in the description which follows, and in part will be more apparent from the detailed description of a preferred embodiment, and/or from the appended claims, or may be learned by actual practice of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[0021] In order that the manner in which the above-recited and other advantages and features of the invention are obtained may be understood, a more particular description of the invention briefly described above will be rendered by reference to specific embodiments thereof that are illustrated in the appended drawings. Understanding that these drawings depict only typical embodiments of the invention and are not therefore to be considered to be limiting of its scope, the invention will be described and explained with additional specificity and detail through the use of the accompanying drawings in which:

[0022] Figure 1 illustrates an exemplary system that provides a suitable operating environment for the present invention;

[0023] Figure 2 is a block diagram that represents an exemplary relationship among users and contact groups;

[0024] Figure 3A illustrates an address module;

[0025] Figure 3B is an exemplary screenshot of the address module;

[0026] Figure 4 is a block diagram that represents an exemplary relationship among users and a data interface module;

[0027] Figure 5 is an exemplary screenshot of a search module;

[0028] Figure 6 is an exemplary screenshot of a scheduler module;

[0029] Figure 7 is an exemplary screenshot of an info sheet module;

[0030] Figure 8 is an exemplary screenshot of a data maintenance module;

[0031] Figure 9 is another screenshot of the info sheet module, illustrating a tree or hierarchal history view;

[0032] Figure 10 is a screenshot of the messaging module;

- [0033] Figure 11 illustrates an action module that includes a number of discrete functions;
- [0034] Figure 12 is a screenshot of a worksheet module;
- [0035] Figure 13A is a block diagram that represents an exemplary relationship between a user and a contact group in contact management;
- [0036] Figure 13B is a block diagram that represents an exemplary relationship between a user and multiple contact groups in campaign management;
- [0037] Figure 13C is a block diagram that represents an exemplary relationship among users and a campaign management data interface module;
- [0038] Figure 14 is a screenshot of a campaign editor;
- [0039] Figure 15A is a screenshot of a campaign wizard;
- [0040] Figure 15B is a screenshot of another feature of the campaign wizard;
- [0041] Figure 15C is a screenshot of yet another feature of the campaign wizard;
- [0042] Figure 15D is a screenshot of still another feature of the campaign wizard;
- [0043] Figure 16A is a screenshot of the campaign manager in contact group view; and
- [0044] Figure 16B is a screenshot of the campaign manager in campaign step view.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0045] The present invention provides systems and methods for contact management and campaign management. Those who practice the systems and methods of contact management described herein and who perform contact management actions are referred to as "users." As used herein, a "contact group" is a basic unit and comprises one or more individuals. A contact group further includes one or more individuals who are united in the achievement of common goals or who may be directly affected by the success or failure of achieving those goals. For example, if the user of the contact and/or campaign management systems and methods described herein is a financial advisor, the contact group's financial goals will be of interest to both the financial advisor and the individuals in the contact group.

[0046] A contact group is designed to fully recognize the diversity that exists in families and other social or business groups. For example, a family contact group may comprise a husband, a wife, and children. This family contact group may also contain siblings, grandparents, or other extended relatives. Alternatively, a family contact group could be two individuals of the same sex, whether or not related by kinship. A business contact group, in contrast, may be the owner of a sole proprietorship, the officers and several key employees of a corporation, the partners of a partnership, or the like. More generally, family contact groups contemplate any combination of individuals who are associated together, typically but not necessarily in a common dwelling, while business contact groups contemplate the other situations in which people associate with each other, for example, work, church, and other social institutions (e.g., country clubs). A user can create a contact group for as few as one individual and up to an unlimited number of

individuals, e.g., a professional or organized group of people. Any existing contact group can be divided into two or more groups whenever appropriate, e.g., when a child matures and sets up his or her own household. Furthermore, individuals are not limited to membership in one contact group but may be part of two or more contact groups, e.g., a family group and a business group, among other possibilities.

[0047] For each contact group, a sales profile can be recorded, comprising the goals that the user can help it achieve and their preferred means of realization. This enables the user to periodically offer appropriate products and/or services that are of interest to the contact group. The sales profile of a particular contact group is often dependent on the user. For example, a financial adviser would record financial interests, investment types, and some specific investments.

[0048] Associations between individuals that are not reflected by their membership(s) in one or more contact groups can also be recorded and stored. For many users, the most prominent among such associations will be referrals, but associations also contemplate, for example, family relationships among individuals in business contact groups and vice versa. These associations identify other individuals to a user who may be in another individual's sphere of influence.

[0049] Contact management is defined herein as the systems and methods that a user applies in communicating and interacting with contact groups and/or in performing or implementing contact management actions. Contact management is also defined as the rules and procedures for collecting, recording, using, and safeguarding data about contact groups. The purpose of contact management is to achieve an objective or opportunity.

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That is, the user is attempting to accomplish an objective or take advantage of a future opportunity.

[0050] An objective is a desired result requiring one or more contact management actions to achieve. Exemplary objectives include, but are not limited to, generating goodwill, retaining clients, and creating business now and in the future. An opportunity is, for example, an event with the potential of generating revenue for the user, such as (for a user who is a financial adviser) that a contact group's CD will mature in 6 months and require appropriate reinvestment.

[0051] For each objective and/or opportunity, the relevant contact management actions to be taken are stored. A history is created as these actions are performed and marked done. Contact management actions include assignments, notes, letters, and the like. An assignment is a task that needs to be done by a particular user and that will appear on that particular user's scheduler (discussed below). A note indicates what has already taken place with regard to the contact management actions. After a contact management action is performed (a letter is sent, or an assignment is executed, for example), the contact management action is recorded in the history of the contact group. The user can define other contact management actions that she may use during contact management.

[0052] ENVIRONMENT

[0053] By way of example and not limitation, the present invention is described by making reference to figures illustrating the general computing environment in which the invention may be implemented, and to functional and flow diagrams that illustrate either the structure or processing flow of embodiments used to implement the system and method. The diagrams should not be construed as limiting of the present invention's scope, but as illustrating an example of a presently understood preferred embodiment of the invention.

[0054] The embodiments of the present invention may comprise a special purpose or general purpose computer including various computer hardware, as discussed in greater detail below. Embodiments within the scope of the present invention also include computer-readable media for carrying or having computer-executable instructions or data structures stored thereon. Such computer-readable media can be any available media that can be accessed by a general purpose or special purpose computer. By way of example, and not limitation, such computer-readable media can comprise RAM, ROM, EEPROM, CD-ROM or other optical disk storage, magnetic disk storage or other magnetic storage devices, or any other medium that can be used to carry or store desired program code means in the form of computer-executable instructions or data structures and that can be accessed by a general purpose or special purpose computer. When information is transferred or provided over a network or another communications connection (either hardwired, wireless, or a combination of hardwired or wireless) to a computer, the computer properly views the connection as a computer-readable medium. Thus, any such connection is properly termed a computer-readable medium. Combinations of the above should also be included within the scope of computer-readable media. Computer-executable instructions comprise, for

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example, instructions and data that cause a general purpose computer, special purpose computer, or special purpose processing device to perform a certain function or group of functions.

[0055] Figure 1 and the following discussion are intended to provide a brief, general description of a suitable computing environment in which the invention may be implemented. Although not required, the invention will be described in the general context of computer-executable instructions, such as program modules, being executed by computers in network environments. Generally, program modules include routines, programs, objects, components, data structures, etc., that perform particular tasks or implement particular abstract data types. Computer-executable instructions, associated data structures, and program modules represent examples of the program code means for executing steps of the methods disclosed herein. The particular sequences of such executable instructions or associated data structures represent examples of corresponding acts for implementing the functions described in such steps.

[0056] Those skilled in the art will appreciate that the invention may be practiced in network computing environments with many types of computer system configurations, including personal computers, hand-held devices, multi-processor systems, microprocessor-based or programmable consumer electronics, network PCs, minicomputers, mainframe computers, and the like. The invention may also be practiced in distributed computing environments where tasks are performed by local and remote processing devices that are linked (either by hardwired links, wireless links, or by a combination of hardwired or wireless links) through a communications network. In a distributed computing

environment, program modules may be located in both local and remote memory storage devices.

[0057] With reference to Figure 1, an exemplary system for implementing the invention includes a general purpose computing device in the form of a conventional computer 20, including a processing unit 21, a system memory 22, and a system bus 23 that couples various system components including the system memory 22 to the processing unit 21. The system bus 23 may be any of several types of bus structures including a memory bus or memory controller, a peripheral bus, and a local bus using any of a variety of bus architectures. The system memory includes read only memory (ROM) 24 and random access memory (RAM) 25. A basic input/output system (BIOS) 26, containing the basic routines that help transfer information between elements within the computer 20, such as during start-up, may be stored in ROM 24.

[0058] The computer 20 may also include a magnetic hard disk drive 27 for reading from and writing to a magnetic hard disk 39, a magnetic disk drive 28 for reading from or writing to a removable magnetic disk 29, and an optical disk drive 30 for reading from or writing to removable optical disk 31 such as a CD-ROM or other optical media. The magnetic hard disk drive 27, magnetic disk drive 28, and optical disk drive 30 are connected to the system bus 23 by a hard disk drive interface 32, a magnetic disk drive-interface 33, and an optical drive interface 34, respectively. The drives and their associated computer-readable media provide nonvolatile storage of computer-executable instructions, data structures, program modules and other data for the computer 20. Although the exemplary environment described herein employs a magnetic hard disk 39, a removable magnetic disk 29 and a removable optical disk 31, other types of computer-readable media

for storing data can be used, including magnetic cassettes, flash memory cards, digital video disks, Bernoulli cartridges, RAMs, ROMs, and the like.

[0059] Program code means comprising one or more program modules may be stored on the hard disk 39, magnetic disk 29, optical disk 31, ROM 24 or RAM 25, including an operating system 35, one or more application programs 36, other program modules 37, and program data 38. A user may enter commands and information into the computer 20 through keyboard 40, pointing device 42, or other input devices (not shown), such as a microphone, joy stick, game pad, satellite dish, scanner, or the like. These and other input devices are often connected to the processing unit 21 through a serial port interface 46 coupled to system bus 23. Alternatively, the input devices may be connected by other interfaces, such as a parallel port, a game port or a universal serial bus (USB). A monitor 47 or another display device is also connected to system bus 23 via an interface, such as video adapter 48. In addition to the monitor, personal computers typically include other peripheral output devices (not shown), such as speakers and printers.

[0060] The computer 20 may operate in a networked environment using logical connections to one or more remote computers, such as remote computers 49a and 49b. Remote computers 49a and 49b may each be another personal computer, a server, a router, a network PC, a peer device or other common network node, and typically include many or all of the elements described above relative to the computer 20, although only memory storage devices 50a and 50b and their associated application programs 36a and 36b have been illustrated in Figure 1. The logical connections depicted in Figure 1 include a local area network (LAN) 51 and a wide area network (WAN) 52 that are presented here by way

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of example and not limitation. Such networking environments are commonplace in office-wide or enterprise-wide computer networks, intranets, and the Internet.

[0061] When used in a LAN networking environment, the computer 20 is connected to the local network 51 through a network interface or adapter 53. When used in a WAN networking environment, the computer 20 may include a modem 54, a wireless link, or other means for establishing communications over the wide area network 52, such as the Internet. The modem 54, which may be internal or external, is connected to the system bus 23 via the serial port interface 46. In a networked environment, program modules depicted relative to the computer 20, or portions thereof, may be stored in the remote memory storage device. It will be appreciated that the network connections shown are exemplary and other means of establishing communications over wide area network 52 may be used.

[0062] **CONTACT MANAGEMENT**

[0063] In one example, contact management is the series of contact management actions a user takes with respect to a contact group to achieve a particular purpose. In accordance with this aspect of the invention, there is shown in Figure 2 a relationship between exemplary users 102 and a contact group 112. The users 102 will implement or perform contact management actions with respect to the contact group 112 through various modes of communication (103) such as personal conversations, telephone, fax, e-mail, letters, and the like.

[0064] As shown in Figure 2, a contact group 112 comprises one or more individuals 114. The term contact group 112 may comprise contacts, prospects, and clients with whom user 102 is establishing or has established a relationship. Contacts are contact groups who have been or may be solicited by the user but have not yet responded. Clients and prospects are those contact groups who have responded to solicitations by the user, respectively those who have purchased or contracted for the user's products and/or services and those who have not yet done so.

[0065] Data for a contact group is preferably kept in a database system such as system memory 22 or storage device 96. Data that is generally kept about contact groups and individuals within contact groups is data that can be used to implement contact management, assists in the creation of goodwill, can be used to make a sale, or may prove that a conversation occurred for compliance or legal reasons. Examples of data that may be collected for a particular contact group or for individuals in a contact group includes, but is not limited to: data that applies to all individuals in the group, data about each individual,

mailing addresses, phone and fax numbers, e-mail addresses, important dates, financial information, and the like.

[0066] The present invention provides distinct advantages to both the contact group 112 and the users 102. An address module, for example, is a feature that provides the user 102 with the flexibility to send communications to certain individuals within the contact group, to a temporary location, etc., without affecting other addresses. A context-sensitive history that can be displayed from different perspectives allows the user to examine data either organized by the user's particular objectives for the group or sorted by other characteristics of the history items, e.g., grouped by type of item (messages sent, notes added by the user, etc.), by date, etc.

[0067] A messaging module selects an optimal channel of communication between a users and a contact group. The messaging module is typically associated with a contact group and determines, for example, how a communication is preferably sent to a contact group. For example, the messaging module may indicate that a particular group prefers email while another contact group may prefer to receive their communications via facsimile. Thus, the same communication may be sent to different contact groups over different communication channels. The messaging module is usually not associated directly with individuals within a contact group.

[0068] Action modules to initiate a series of contact management actions. These are of two basic types: series of actions that the user applies to records in the database, taking effect immediately, and series of contact management actions that the user sets up to be applied to the contact group over time. Both types of series can be applied by a single action module. For example, when a prospect contact group purchases or contracts for one

of the user's products or services and thus becomes a client, an action module designed for that situation can both change the contact group's status and also initiate an appropriate series of follow-up contacts and other actions. This insures that all of the necessary database and/or contact management actions are completed and that none of the contact management actions are skipped.

[0069] Further, a user can design and create worksheets that display information that is particularly applicable to a specific contact group. The worksheets are able to combine data that may already be present in the database with data that is not present in the database. The worksheets, in effect, enable the user to enhance contact management by customizing the data that can be associated with one or more contact groups. Each of these features and advantages will now be described in further detail.

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[0070] **Address Modules**

[0071] The address module is useful because each contact group can potentially include an unlimited number of different individuals. Thus, an unlimited number of mailing addresses, email addresses, voice/telephone numbers, facsimile numbers, and the like can be stored and associated with a particular contact group. Each address module usually includes two individuals (addressees), one mailing address, one email address, one voice/telephone number, and one facsimile number (referred to generally as addresses). The specific addresses included in an address module can be selected in any combination from the addresses that are stored for the contact group and a given address can be included in more than one address module.

[0072] By default, the address module also includes title usage that assembles the names of the individual or individuals in the address module into conventional formrs. This includes stringing an individual's title (Ms., Dr., Prof., etc.), first name, middle name and/or last name to produce the first line of the envelope address, and assembling the title and last name to be inserted after "Dear" at the beginning of a letter as a salutation. If there is an extension (*M.D., Jr., etc.*) it is added after a comma in the address line only. The address module correctly handles combining two persons as individuals (*Mr. Orville Wright and Mr. Wilbur Wright*) or as a married couple (*President & Mrs. John Adams*) at the user's option, dropping "Dr." when used with "M.D." but not when used with "D.D.S." and various combinations thereof. If the user chooses the option of using nicknames in the salutation, these are also correctly assembled. If the user desires to use other than the default conventional forms, the module permits storing any modification or replacement.

[0073] Each contact group has both a primary home address module and a primary business address module, one of which is designated as a default address module. Alternate address modules can be created and stored for the contact group, but the alternate address modules are only used in certain situations. For example, the alternate address modules can be specifically chosen by a user or an alternate address module can become the default address module during certain time periods. In addition, certain objectives, such as birthday procedures, can be set to use one of the alternate address modules.

[0074] Even though each contact group has a default address module, one advantage of address modules is that an alternative address module can be easily selected for the contact group. Another advantage of the address modules is that a contact management action can be directed to a particular individual instead of to the entire contact group. This is especially advantageous if the individual has a different address than other individuals in the contact group.

[0075] When performing a contact management action with respect to multiple groups, the user can use the default module of each group. If the contact management action is a letter, for example, the letter will be sent using the home address module of one contact group and to the business address module of another contact group. Alternatively, the user can override the default address module and select an alternative address module or simply select one or more addresses and one or more individuals within the contact group.

[0076] Figure 3A illustrates a contact group 112 that has an address module 116A and an address module 116B. Each address module may include one or more addresses and one or more individuals who use the one or more addresses. In the preferred embodiment, each module includes two individuals, a mailing address, an e-mail address, a phone number,

and a fax number, but this is exemplary, not limiting for the invention. In Figure 3A, the individual 114A and the individual 114B correspond to or use the address 118A. In the address module 116B, the individual 114C uses the address 118B. These may, but need not, be different addresses. However, the individuals 114A, 114B, and 114C are all in the same contact group 112.

[0077] For example, assume that the individual 114C is a child who is attending college and is not living at home. The parents, represented by the individuals 114A and 114B, and the child (individual 114C) compose a contact group 112 and should appropriately be so maintained, so that information on the contact group is associated with all three individuals. However, the address module 116A is able to store an address 118A that is different from the address 118B stored in the address module 116B.

[0078] The address modules 116A and 116B are not limited to mailing addresses as previously described, but may also include telephone numbers, facsimile numbers, and/or e-mail addresses. Thus, when a contact management message is sent by, for example, email, the email address in the address module is used.

[0079] In one embodiment, address modules are implemented as shown in Figure 3B. Field 301 allows the user 102 to select the default (preferred) address module for the contact group, any one of the other (alternate) address modules associated with the group, or manual addressing. Figure 3B illustrates that the user 102 has selected an alternate address module. Within Field 302 of Figure 3 are various addresses that have been recognized for this particular contact group. In particular, this contact group has a home address, a work address, and a laboratory address. The screenshot 116 illustrates that each address module will be referenced to a specific address and individuals within a contact

group so that by selecting a particular address module, the user will send a correspondence to the appropriate individual(s) associated with that address module.

[0080] Data Interface

[0081] One aspect of the present invention is its implementation of certain rules of time management, i.e., delegation and organization. Delegation requires that certain duties be done by certain people and that duties be kept separate. Organization requires that each user organize her duties efficiently. Staff members are organized in a team-oriented environment wherein each team member is considered a user 102. Thus, a user 102 is an individual person working on behalf of the team.

[0082] Users can be subdivided into various types, tiers, or roles. For example, users can be divided into primary salespersons, secondary salespersons, assistants, and operators. The division of users may not be consistent across different users. Thus, the tiers or division of users described herein is exemplary and is intended to represent other potential divisions. The following example illustrates an exemplary division of users in a financial situation.

[0083] As shown in Figure 2 and Figure 4, in one embodiment intended for financial advisors a team is typically composed of four main user types: salespersons 104, sales assistants 106, service assistants 108, and computer operators 110. In one embodiment, individual users are in fact members of user groups, often called "staffgroups," which actually occupy the positions enumerated in the preceding sentence, thus facilitating the scheduling of assignments for more than one individual user whenever appropriate. However, there are no limits on the number of users a team and/or a staffgroup may have and the provided examples of typical users are not to be considered limiting in any way.

[0084] A salesperson 104 is typically able to use any module of the present invention and the primary job of the salesperson 104 is to make sales. Any functions or responsibilities that are not within that category should be delegated to other users. For example, a salesperson 104 in the financial arena is often referred to as a registered representative ("RR"). Although the designation "RR" used in these exemplary illustrations is used only for appropriately licensed financial advisors in the securities industry, counterpart sales positions exist in many other arenas, often with their own technical terms (e.g., the distinction between "agent" and "broker" in the real estate industry).

[0085] The sales assistant 106 ensures that the salesperson 104 always has plenty of interested clients and prospects to talk to and see. This may include drafting or adapting contact management messages such as letters and scripts and developing lists from which to develop prospects. For larger offices, this position can be split into client sales assistant and prospect sales assistant. A client sales assistant's position may be focused entirely on maintaining contact and scheduling appointments with clients, while the prospect sales assistant focuses entirely on generating the prospects who will become new clients. This avoids stalling of productivity while creating new business.

[0086] The service assistant 108 duties involve responsibility for all service issues. The service assistant 108 manages the salesperson's calendar (i.e., serves as a gatekeeper), serves as host/hostess of the office, and answers the phone. Again, the title applied is often arbitrary and not necessarily related to the functions and responsibilities of the individual user, so that it may be changed according to various situations. For example, the title of "Service Manager" may be more useful when interacting with contact groups.

[0087] The computer operator 110 is responsible for maintaining the accuracy and security of the data obtained for contact groups and individuals, for the outflow of contact and campaign management messages, and for recording responses thereto.

[0088] As mentioned above, the salesperson 104 should delegate all non-sales functions to other users. Furthermore, certain preliminary steps that are essential to making sales can also be delegated to other users to make the process more efficient. For example, the salesperson 104 should delegate to the service assistant 108 all service problems and the duties of running the office. The salesperson 104 should delegate to the computer operator 110 the duties of correcting and completing data input and of protecting and safeguarding data and hardware systems. The salesperson 104 should delegate to the sales assistant 106 duties that ensure that the salesperson will always have plenty of people to talk to and see. Similarly, in order to maintain focus and momentum, the salesperson 104 should organize his own duties to group similar contact management actions into the same period of time.

[0089] The team structure may be implemented on both a microscopic and a macroscopic level. More particularly, users may be organized into one team or multiple teams. Furthermore, the above team structure allows a team to be easily transformed into a seminar team for organizing seminars. The salesperson would ordinarily be the seminar presenter. The sales assistant would normally be the seminar marketing director, the service assistant the seminar coordinator, and the computer operator the seminar communications assistant. However, as more seminars are scheduled and the number of clients grows, additional staff might over time be hired and fitted into the special seminar slots, thus allowing each individual to concentrate on either a seminar or non-seminar post. Throughout such a transition, organization and delegation insure that all necessary contact

and campaign management actions are implemented or performed by the appropriate users. It is inefficient, for example, to have a salesperson 104 perform contact management actions that are more suitable for the computer operator 110.

[0090] The invention departs from other contact management systems, which do not emphasize this organizational structure. For example, on any given day, a user 102 must contact multiple contact groups and complete contact management actions or campaign management actions (discussed below). It would be difficult for the user 102 to have to find each contact group's history, find the next contact management action that needs to be done, implement the contact management action, and then repeat the process for each contact group. It would become particularly burdensome when considering that some campaigns can involve hundreds of contact groups.

[0091] Rather, it is beneficial for the user 102 to have an organized list of the contact management actions she is required to perform. Furthermore, the user is often familiar with the contact groups to be contacted, so that an inundation of unnecessary information would make the user's job more difficult. However, the user 102 should be able to access any and all information on a particular contact group whenever it becomes necessary.

[0092] Figure 4 further illustrates the relationship between the users 102 and the data interface 120. The data interface 120 is a module that presents information in whatever way is most useful for a user, depending on the objectives the user is trying to accomplish. In other words, the data interface 120 enables a user to view information in more than one way. A brief description of the data interface 120 will first be given below, while a more detailed description of each part of the data interface follows.

[0093] One module of the data interface 120 is the scheduler module 124 ("the scheduler"). The scheduler 124 is a scheduling tool for the user. The scheduler 124 displays and helps the user to organize a schedule of her contact management and campaign management actions. Note that campaign management actions may relate to multiple contact groups. If the user 102 does not need additional information about a given contact group, the user can feasibly do that contact management action solely from the scheduler module 124.

[0094] The data interface 120 also provides an info sheet module 126. The info sheet module 126 allows the user to view information relating to one contact group. The user can do virtually all contact management actions from the info sheet and, most importantly, obtain information on a particular contact group.

[0095] Another feature of the data interface 120 is the database maintenance module 128 ("the DMM"). The DMM 128 assembles the most extensive database information for a particular contact group. The DMM 128 is intended for computer operators to help them maintain contact group information up to date.

[0096] A search module 122 is also provided, as shown in Figures 4 and 5. The search module 122 helps a user locate a particular contact group or group of contact groups. As illustrated in Figure 5, the user can locate a contact group using search tools such as hierarchy trees (Field 501), alphabetical sequence (Field 504), and the like. These search tools are not exclusive of each other and one or more may be used to find a particular contact group. Users are able to search by contact group and individual based on various criteria. The contact groups found according to the search criteria appear in Field 502, allowing the user to browse through and select from qualifying contact groups.

[0097] Field 501 provides a hierarchy tree search tool. In Field 501, the user 102 is able to locate contact groups according to the status of that particular group. For example, the search module 122 may assist a user 102 in finding all contact groups with corporate status or all contact groups who are hot prospects. The user would find the contact group in a corresponding folder labeled “corporate” or “hot prospects,” for example, in each case based on a “selection rule” using that characteristic as a criterion. Another example: A service assistant 108 may want to find a contact group that has a service problem. Thus, the section of the hierarchy tree designated especially for the service assistant 108 would contain a folder with contact groups that have been flagged as having a concern, i.e., “the problem client” folder. The service assistant 108 simply has to choose the problem client folder in the search module 122 to see a list of contact groups that are contained therein. The selection rules described here are exemplary, not limiting, and the user is provided the capability to create new selection rules. Additional selection rules, many of them more complex than those described in this paragraph, are provided in the preferred embodiment for the convenience of the user.

[0098] Not only is a user 102 able to find contact groups from the search module 122, but the user can also perform contact management actions from this screen. Field 503 of Figure 5 contains space for displaying action buttons (discussed more fully below). Any changes to a contact group’s record performed in the search module will reflect in the scheduler 124, info sheet 126, and DMM 128.

[0099] In more detail, the scheduler 124 is a summary of all the activity for a particular user 102—or, if desired, for more than one user. Figure 6 is an exemplary screen shot of what a user 102 would see when she opens her scheduler 124, set to display only her own

current assignments. As shown in Figure 6, the scheduler 124 has various components or modules.

[00100] For example, a calendar module is shown in Field 601 of Figure 6. The calendar displays assignments that the user 102 is required to do by day, week, month, or year as the user chooses. A planner is shown in Field 602 of Figure 6. The planner organizes assignments by the date and shows the action type, associated contact group or campaign (if any), and description for each. The scheduler 124 contains all assignments including scheduled and unscheduled assignments. Scheduled assignments are those with a specific time designated, e.g., meetings with clients, and are displayed in both the calendar (Field 601) and the planner (Field 602). Unscheduled assignments have a date but no particular time designated, e.g., calling a client to try to set up a meeting and are shown only in the planner (Field 602). The scheduler 124 allows a user 102 to manage all her daily assignments in one screen. For example, from the scheduler 124, the user 102 can manage her campaigns, attend scheduled meetings and make scheduled phone calls, complete unscheduled 'to-do' assignments, etc.

[00101] In Field 603, the scheduler 124 provides an action button list. Action buttons address one aspect of the present invention that is concerned with efficiently implementing contact management strategies. In contact management, many situations are extremely similar, requiring the same response by the user. For example, when finding clients, many opportunities require the same or similar response. Thus, it would be advantageous for the user to be able to predetermine the appropriate response to a particular situation and then to easily implement this response. This is accomplished in the present instance through action button modules 132. Action buttons will be discussed in more detail below.

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[00102] As illustrated in Figure 7, which is a screenshot of an info sheet 126, the info sheet 126 helps manage the relationship between a user and a particular contact group by displaying information relating to that contact group. The info sheet 126 allows updates to the database regarding the displayed contact group to be performed. . In Field 701, the info sheet 126 contains general identifying information about the contact group including names of individuals found within the contact group, the status of the contact group, financial information on the status group, and the like.

[00103] In Field 702, the info sheet 126 contains a record of the contact management actions that have been taken as well as future contact management actions to be taken in regard to the contact group. Field 702 also allows a user to look at information relevant to the contact group such as: status in any campaigns, contents of any worksheets (discussed more fully below), opportunities, keywords that classify this contact group, important dates, and sales profile information.

[00104] The info sheet 126 is the primary working screen for the relationship between a user and a particular contact group. The info sheet 126 facilitates record-keeping to help build and maintain the relationship. Furthermore, the info sheet 126 allows the user 102 to perform many contact management actions and to access other interfaces to perform those not directly possible from the info sheet 126. For this purpose, Field 703 provides action buttons, described below, to facilitate this process.

[00105] Figure 8 illustrates the DMM 128. The DMM 128 contains detailed information for a particular contact group and/or individual. Figure 8 illustrates one embodiment for the DMM 128. The DMM 128 contains detailed information on each contact group 112 such as the group name, status, last contact date, last message date, keywords, and the like.

Besides providing this information with reference to the group as a whole, various “pages” of the DMM display and provide access to information on the individuals in the contact group, mailing addresses, phone numbers, e-mail addresses, important dates, accounts, various address module, etc.

[00106] The search module 122, the scheduler 124, the info sheet 126, and the DMM 128 provide different ways to view information, depending on the objective of the user. There is, of course, significant overlap of the information displayed in these various interfaces. Furthermore, while contact management actions can be taken in any one particular screen, the data for that contact group will always be updated so that the updates can be viewed in any screen in which it might be relevant.

[00107] Usually, login access is required to access all screens. Initial login takes place at the beginning of use of the system. However, access may be limited to certain areas within the system depending on the user.

[00108] **Context sensitive history including a tree view and a list view**

[00109] For each objective or opportunity that the user is attempting to achieve, there will be a corresponding number of contact or campaign management actions. For example, the user 102 can view the history of the contact management actions taken with respect to each objective for a contact group in the info sheet 126. The history can be viewed in at least two ways.

[00110] In a tree view, the contact management actions are organized by their relationships to objectives and opportunities. In other words, the tree view is a hierarchal history view. That is, all of the contact management actions pertaining to a particular objective or opportunity are kept in the same folder. The display of each such folder can be

collapsed to simply the objective or opportunity itself. The contact management actions that are displayed can be contact management actions that have already occurred and been handled or they can be contact management actions that will be performed in the future.

[00111] Figure 9 shows an example of the history tree view embodiment. For example, in Figure 9, folder 901 contains an opportunity (namely, a Jumbo CD will be maturing in the future). Within folder 901 are contact management actions regarding that opportunity. Assignment 902 shows that the opportunity is due in a certain period of time. Note 903 states that there was an outgoing call by a user. Note 904 states that there was an incoming call by an individual in the contact group. Letter setup 905 shows that a letter will be sent regarding the specific opportunity. The foregoing is an example of how contact management actions can be organized according to objective and is not meant to be limiting to the particular contact management actions discussed. As previously stated, some of these actions may be in the future. Thus, the letter setup 905 may only be scheduled.

[00112] The tree view allows the user to view the history of the contact group in an efficiently organized manner. The value of the tree view is that it organizes information into discrete portions based on the objective or opportunity so that it is more digestible for the user viewing the information. For example, if there is a service problem, all of the contact management actions involving the problem are kept in the same objective folder and the service assistant does not have to read the entire file to review them. Secondly, the user saves time by avoiding the need to describe the problem to subsequent users because both the objective and the related contact management actions will be easily identifiable by other users and available to them. This benefit becomes especially valuable when randomly assigned people will be viewing the information (e.g., a call center).

[00113] A list view shows contact management actions organized by one characteristic of those actions (by default, in date order). The list view thus provides alternative advantages to those provided by the tree view. For example, since it can easily be sorted by type of action, the list view is useful when a user desires to locate a call to a contact group. This is particularly useful when the user is uncertain of which opportunity or objective was involved. In both views, display of contact management actions is subject to various filters. One filter is actions that have been performed versus actions that have not been performed, so that either group can be shown alone in either view. However, only in the list view can both groups be shown sorted from each other.

[00114] **Messaging Module**

[00115] Figure 10 illustrates a messaging module 130. Messaging is a way to achieve all of the objectives previously discussed: generate goodwill, retain clients, create business now and in the future, etc. The messaging module 130 includes the ability to select the primary mode of communication for sending messages to contact groups. Typical modes of communication include, but are not limited to, telephone, email, mail, facsimile, and the like.

[00116] The messaging module 130 allows a user 102 to select a preferred channel of communication for a particular contact group 112 as its default channel. Thereafter, unless the user determines otherwise, any messages will be sent via that default channel. Sending messages in this manner will add to client retention because (1) the client is more likely to receive a message via their preferred mode of communication; and perhaps (2) the client will be pleased that the user cared enough to remember their preferred mode.

[00117] Furthermore, the messaging module 130 enhances the power of a campaign (discussed more fully below). Generally, a campaign is a strategy marketing to more than one contact group. The campaign can be programmed so that whenever possible messages will be sent based on the default channel instead of through only one mode of communication, thereby enhancing the effectiveness of the campaign strategy. Additionally, the messaging module 130 can be used in conjunction with the address module. A new address module can be created specifically for use in a campaign, e.g., only the individual within a contact group who is about to turn 21 (or for users who are financial advisers, 59½); only the female or male of a couple; and so on.

[00118] **Action Buttons**

[00119] An action button is a user-definable series of one or more contact or campaign management actions, frequently coupled with database management actions. The action button module provides the user with the ability to create, edit, and delete action buttons, and to assemble groups of action buttons likely to be used for different results of the same process (e.g., accepting, rejecting, or postponing a solicitation). Action buttons implement contact management actions based on the idea that when an identical or similar problem arises, the user creates and uses a standard solution for that problem. For example, for a mechanic, a client's car safety inspection is a yearly occurrence and the user (mechanic) often employs the same response pattern for each contact group (i.e., making, confirming, and carrying out an appointment with the client, etc.). Selling new tires, on the other hand, is an irregular occurrence, but a similar response can still be employed by the user (i.e., billing, recording the warranty, etc.). However, these and other situations can be approached using action buttons because both occurrences require responses that involve a

predictable series of contact management actions that should be performed as to each contact group in that situation.

[00120] Dealing with a service problem that will take more than 24 hours to resolve further illustrates the advantages and usefulness of action buttons. The service assistant, when presented with the problem, simply clicks an action button 132, which initiates the predetermined contact management actions toward resolving the client's concern. For example: the action button 132 sets up an objective to solve the problem, which will show up in the service assistant's scheduler until it is marked done. The same action button 132 also sets up a letter from the service assistant to the contact group that states she is responsible for solving the problem, promises to do so, and encloses business cards. Finally, the action button 132 sets up recurring assignment for her to call the contact group every three days saying the problem is being worked on until it is in fact resolved. A single action button implements the same pattern of contact management actions every time a similar problem recurs, without requiring the user to remember or work out the various contact management actions each time.

[00121] Action buttons provide other advantages as well. If an objective requires multiple contact management actions, a user can easily forget one, e.g., entering certain critical profiling information. Action buttons do not permit a user to forget any of the contact management actions and ensure that each response is handled accurately and, as long as the user consistently uses the action buttons, that search queries are much more accurate and reliable. Action buttons also provide the advantage of standardizing data entry.

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action button accommodates user input at appropriate places, and does not proceed to its next contact management action until the user has made or declined to make such input.

[00130] The following illustrates how an action button 132 can be used to reach a particular objective. When a user has scheduled an appointment with a contact group, the user selects an action button 132 named "AA Hot Out of Office." 'AA' means that the contact group is a hot prospect. 'Out of office' means that the user has an appointment to meet with the contact group out of the office. By clicking the "AA Hot Out of Office" action button, the user initiates a series of automated contact management actions in the system. First, the system will set an objective for an out of office appointment. Second, the system then creates a note about the appointment. In this case, the note would indicate that the user made an appointment with the contact group. Third, the action button then sets an assignment for a sales assistant to call and confirm the appointment with the contact group. On the sales assistant's scheduler, an assignment would automatically appear to have the sales assistant call and confirm the appointment with the contact group. Fourth, the system sends a message/letter to the contact group confirming the appointment. Fifth, the system also may make a number of database changes including changing the contact group identification from a "mass mail" contact to a "new prospect." Sixth, the system also records the first contact date which is the date the contact group became a prospect. Furthermore, the system modifies the keyword associated with the contact group to become "AA," which statuses the contact group as a hot prospect. This series of transaction results in at least six contact management actions that normally would require manual input by the user 102. The action button 132 allows for all these contact management actions to be

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initiated and/or automatically completed with one click of a button and insures that none of the contact management actions are forgotten.

[00131] The data interface 120 provides a tracking tool for service assistants. In the search module 122, the service assistant can click on a folder called "problem list." By doing so, the service assistant gets a list of every contact group with a current service problem, assuming that the service assistant (directly or through the computer operator) has used action buttons or otherwise chosen the action type "problem" for such assignments. When a user is in danger of losing a contact group, the service assistant clicks the "danger list" action button which adds a keyword "danger," thus placing the contact group in the "danger list," and also brings up an objective to be filled out, detailing the problem. The service assistant may have another action button to remove a contact group from the danger list, or just delete the keyword (e g., through the info sheet module 126). These are examples of contact/campaign management actions that can be performed with action buttons. However, these contact/campaign management actions can be performed without an action button.

[00132] Lead Processing: Lead processing involves the contact management actions of converting a prospect into a client. The key is to keep track of and classify all sales leads according to a standardized system based on objective criteria: degree of prospect interest, financial qualification—i.e., ability to afford the user's product(s) and/or service(s)—and readiness to act. Action buttons are ideal for automatically setting up the necessary contact management actions for contact groups once they are appropriately categorized by a user.

[00133] For example, hot prospects are the category with the highest priority and are handled first. These contact groups are very interested, financially qualified, and ready to

start the sales process now,. either having approached the user or being willing to make an appointment. An action button labeled "AA hot" classifies the contact group as a hot prospect (by adding a keyword) and prompts the user to set an assignment for an appointment, note the conversation, set an assignment to confirm the appointment in writing, and set an assignment to confirm one day before the appointment by telephone. One skilled in the art will recognize that the user can similarly configure an action button to deal with other types of leads such as those leads that are less interested or not interested at all, as well as for many other recurring situations. The foregoing examples illustrate that action buttons would provide an advantage in all types of contact management situations.

[00134] Worksheet Module

[00135] In accordance with a further aspect of the invention, there is shown in Figure 12 a worksheet module 134. The worksheet module 134 is intended to make the database dynamic and useful to the user. When running a campaign or dealing with a particular issue in contact management, the user may have need for information that is not currently in the database. Furthermore, the user would like to have certain information readily on hand to be able to discuss intelligently with the contact group. The worksheet module 134 essentially allows users both to draw from and to create information for the database.

[00136] The worksheet module 134 allows the user to create data fields shown in Field 1201. Some data fields shown in Field 1201 are information that already exists in the database. The worksheet allows this data to be imported from the database into the worksheet, and displays a blank when that data is lacking. The user may also create data fields for information that is not currently in the database. Thus, while the user is dealing

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with a particular contact group, the user has the existing information readily on the worksheet and can fill in the other data fields as information is discovered.

[00137] The worksheet module 134 is also advantageous for campaign management. While campaign management will be described in more detail below, a campaign is generally targeted to more than one contact group to reach a specific objective. Through the worksheet module 134, the user has the ability to create a worksheet that would retrieve the required information from the database and/or provide fields for other required information in the same format for each contact group selected in the campaign. Furthermore, after a particular worksheet is created for a particular campaign, the user has the choice to use or not use the worksheet in other campaigns or to create a new one as the user desires.

[00138] The following example will illustrate the advantage of worksheets. In many financial planning situations, the user desires to conduct a periodic review of the client's accounts for the benefit of both the user and the client. The database may or may not contain all of the information that would be useful to produce a client review. So, the user is enabled through the worksheet module 134 to extract all relevant information from the database, such as the client's financial status and investment interests, and to create fields for other information, such as how often the client would like a periodic review, whether she wants a cup of coffee when she meets with the user, etc. If desired, some data fields can be created to be filled in after the user actually performs the review with the client.

[00139] The data collected from the worksheet module 134 will be stored on the database. After a worksheet is created, a user 102 can access any worksheet that has been used for a particular contact group from that contact group's info sheet 126. Furthermore,

the information from the worksheet will be searchable by database search engines. Worksheets can also be reset when executing a campaign such that the information can be collected for a new situation.

[00140] CAMPAIGN MANAGEMENT

[00141] Another aspect of the present invention is directed to campaign management. Campaign management is generally defined as a series of actions directed toward multiple contact groups. Campaign management is, in essence, a superstructure of contact management. Thus, one advantage of the campaign management element in the invention is that it allows the user to implement the novel features discussed in reference to contact management in the context of campaign management. Such features include, but are not limited to, address modules for handling multiple addresses, hierarchical information structure, messaging for sending correspondence to a preferred address, worksheets for extracting and obtaining data for a contact group, and action buttons for initiating repetitive contact management actions. Campaign management also includes the ability to perform campaign management actions that allow mass mailings to be sent out in waves rather than in a single instance. These mass mail actions can occur at regular intervals. Contact groups that are brought into a campaign can be separated into separate tracks within the campaign.

[00142] There is shown in Figure 13A and 13B possible relationships between a user 102 and contact groups 112. As shown in Figure 13A, contact management is executed with respect to one contact group, while campaign management contemplates targeting multiple (i.e., two or more) contact groups through use of a campaign. A campaign is a series of campaign management actions taken in a given situation that is intended to

produce or produces predictable results. Campaigns can also be useful to filter through initial prospects to identify those showing interest in a particular product.

[00143] A campaign editor module allows the user to design a campaign suitable for a specific objective. After the campaign is designed, a campaign wizard module allows the user to select, e.g., the dates on which to run a particular instance of the campaign. Preferably, a campaign manager module provides the user a logical data interface for viewing the campaign and the contact groups selected for the campaign. Alternatively, the user has the option of obtaining campaigns that have already been designed and tested. A user, for example, can access a catalog of campaigns over a network such as the Internet and download those campaigns that are of interest to the user. These predesigned campaigns, as well as those designed by the user, are often referred to as campaign masters.

[00144] A campaign 140 may have a specific campaign "style," i.e., the outgoing channel(s) of communication used, such as mail only, a combination of mail and telephone contact, fax, email, etc. Moreover, a message may provide various style of response, e.g., a response coupon, a request to call the user, a questionnaire, etc.

[00145] **Campaign Editor Module**

[00146] Referring to Figures 31C and Figure 14. Figure 14 shows a screenshot of an exemplary embodiment of the campaign editor module 142. The campaign editor module 142 acts as an interface to assist the user 102 in creating campaigns 140. The campaign editor module 142 assists the user in creating campaign masters. A campaign master is similar to a template, that is, it is a general campaign designed to cover all requirements for a particular objective, including a relative timeline, but without specific dates or the names of specific users.

[00147] Figure 14 shows an embodiment of a campaign editor module 142. Field 1401 shows basic details regarding the campaign master. Its name and a brief description of the campaign is given. Field 1402 shows that the campaign has been defined comprising various campaign tracks, similar to bins into which the user sorts contact groups according to their progress through the stages of the campaign, level of interest, etc. (Campaign tracks will be discussed further below.) The user defines certain campaign management actions to implement for each track. For example, campaign track 1 contains various campaign management actions, such as objective, reminders, and assignments, that prepare the users to implement the campaign. Similar campaign management actions also define campaign track 2 and higher-numbered tracks. As can be seen through Figure 14, campaign tracks are similar to action buttons in that they are lists of actions defined once and used repeatedly.

[00148] **Campaign Wizard Module**

[00149] Preferably, when the user 102 runs a campaign, a campaign wizard module 144 is provided as shown in Figure 15A such that the user can select, from among various available campaign masters 1501, the one that is appropriate for the user's current objective. After choosing a campaign master, the user employs the campaign wizard to target a definable collection of contact groups; assign users and their experience levels to the campaign 140, as shown in Figure 15B; choose a particular date to start the campaign and create a schedule that works for the team, as shown in Figure 15C; and to select, change, and/or preview the documents are required for the campaign, as shown in Figure 15D.

[00150] Making such choices creates a “campaign instance.” The reason for this distinction is that the user 102 can have several campaign instances based on the same campaign master running at the same time (and/or several campaign instances based on different campaigns running at the same time). For example, the user 102 may have the March 12th 401K instance and the March 20th 401K instance both running on overlapping dates at different stages of progress.

[00151] **Campaign Manager Module**

[00152] A campaign is executed from the campaign manager module 146. A campaign manager module 146 is an interface that allows a user 102 to view and implement the campaign management actions required for a particular campaign. In this aspect, the campaign manager is much like the scheduler and info sheet modules described for contact management. The campaign manager module 146 can be illustrated by a particular campaign instance.

[00153] Figure 16A shows one embodiment of the campaign manager module 146. Preferably, the user will be able to view the campaign in at least two views: a campaign management action view (or campaign steps view) and a contact group view. The Field 1604 of Figure 16A shows that the user has selected the contact group view. In Field 1601, the user can select a particular track pertaining to a specific campaign and view all of the contact groups in that track. The contact groups in that track will appear in Field 1602. Field 1603 of Figure 16A shows the predetermined campaign tracks which allow the user to easily select and categorize the contact groups as she interacts with them.

[00154] Secondly, the campaign manager module 146 can view the campaign according to campaign management actions (or campaign steps) as shown in Figure 16B. In the

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campaign management actions view, the campaign history is available to the user as shown in Field 1606. Also, any worksheet associated with the particular campaign instance will be displayed in Field 1605, with the data displayed for the contact group selected in Field 1602 (see Figure 16A). Further, in Field 1607, the campaign management action view shows, in chronological order, the campaign management actions, the due date by which they should be done, the user who is in charge of completing the campaign management action, and other information pertinent to the campaign. These fields are exemplary of an embodiment of the campaign manager and are not to be construed as limiting the present invention.

[00155] The following illustration on campaign tracks may prove useful: A user decides to use a campaign 140 to promote a new product and mails out seminar invitations to multiple contact groups. At this stage, all the contact groups are initially grouped in the "promotion track." Some contact groups will respond in the negative and will be grouped in the "can't come" track. Some contact groups may respond positively and indicate that they will attend. These contact groups are put in the "will come" track. The "will come" track selection has been configured to automatically send the contact group a confirmation letter and automatically schedule the contact group for the seminar. Furthermore, the "will come" track may also automatically send an assignment to a user to call the contact group one day before the seminar. This assignment will automatically show up on the user's scheduler. Once the contact groups are separated between the "can't come" track and the "will come" track, the contact groups may be further separated into more tracks. For example, after the seminar is held, the "will come" contact groups can be separated into a

“did show” track and a “no show” track. Appropriate campaign management actions can be taken with respect to each track.

[00156] A campaign management action is similar to a contact management action. Therefore, a campaign management action may be setting an objective, sending a message, making a note, scheduling an assignment, updating the database, or resetting keywords. Certain campaign tracks require that an assignment be sent to a team member to accomplish a particular task. For example, when an individual responds to the invitation, an assignment is sent to the sales assistant to send a confirmation letter and will be displayed on the sales assistant’s scheduler. Another campaign management action may include the user 102 filling out certain forms, whether electronic or hardcopy, in order to complete a campaign management action.

[00157] A campaign message is a letter or communication sent to one or more contact groups during response processing or the promotion phase of the campaign. A campaign script is the user’s side of a model dialog, usually with branching paths depending on the contact group’s responses, that a user can reference when executing the campaign. For example, 1 or 2 days before a seminar is to be given, the sales assistant 106 will receive an assignment to call contact groups who have confirmed to remind them of the seminar, preferably using the campaign script.

[00158] A campaign checklist may be provided at various intervals of the campaign to assist the team members in ensuring that all campaign management actions are being completed in a timely manner. For example, in a seminar campaign there is usually a post-seminar processing checklist that walks the computer operator through the process to make sure it is done accurately and completely every time.

[00159] Preferably, users will participate in a planning phase in the campaign. Most of the planning occurs in a planning meeting. After all team members learn to run the campaign or process responses, the computer operator 110 receives an assignment to print a timeline for the campaign. The timeline assigns campaign management actions to each team member, such campaign management actions to be done by a particular date. This timeline is the key planning document. It gives the sequence of campaign management actions required to complete the desired result.

[00160] Shortly after the campaign 140 is activated, it generates a campaign management action for the computer operator 110 to print a planning meeting agenda. On the agenda are campaign management actions the team should go through to plan the campaign. Among these campaign management actions are: fix the timeline according to particular needs, select checklists, location of seminar, etc.

[00161] One will recognize the similarities between contact management and campaign management in that both will produce predictable results. Thus, it follows that action buttons work well in both environments. For example, suppose a contact responds to a coupon received during a campaign indicating interest in hearing periodically about the Asian market. The user 102 could click an action button 132 perhaps entitled "Asian Market Interest." This action button 132 would initiate a letter to the contact group 112 thanking the individual for indicating her interest in the Asian Market. It may also put the contact group 112 on a mailing list for periodic mailings regarding the Asian Market. Further, the action button 132 would change the contact group's profile data from contact to prospective client. Moreover, a campaign can be so constructed that when contact groups are moved from one campaign to another, the same action button can automatically

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be applied to each contact group so moved. This "Asian Market Interest" action button thus would perform contact management actions on several contact groups as a result of a campaign management action.

[00162] One advantage of campaign management is that while a campaign 140 is run, some information from the campaign appears on the contact groups' info sheet 126. When the user 102 opens the campaign tab in the info sheet 126, the user can see which track of what campaign the contact group is in, if any, and can easily retrack a group by clicking on one of the track buttons displayed.

[00163] A final note should be said about contact management versus campaign management. Some of the actions for both contact management and campaign management are similar. That is because the basic premise for campaign management is that campaign management actions are being done to multiple contact groups while in contact management, contact management actions are being done to a single contact group. Thus, it is entirely feasible that the same action would be done to one contact group that can be done to many contact groups. The simple distinction is this: when the user is applying an action to one contact group, it is contact management. When the user is performing an action to multiple contact groups, the user is utilizing campaign management. It is possible, while executing a campaign, for a user to perform campaign management on a contact group and then to subsequently perform contact management actions on that same contact group. That is why certain modules of contact management and campaign management (i.e., action buttons, worksheets, etc.) work so well in either environment and serve to complement each other, thereby making both contact management and campaign management more efficient and productive.

[00164] Another advantage of campaign management, which is essentially an extension of contact management, is that a consolidated view of the contact groups in a particular campaign as well as associated data is available to the users. This enables the users to be reactive to the contact groups as well as to individuals in the various contact groups. For example, assume that, in a campaign, a user places a call to a contact group or to an individual in order to sell a product of a company to the contact group. The contact group may reject the offer. In addition, the contact group may request that certain changes be made to the account of the contact group. The present invention provides the ability to implement the change to the contact group's account without affecting the data that is specific to the campaign.

[00165] One of the difficulties that is overcome by the present invention is permitting the user to be informed about the various contact and/or campaign management actions that are being performed. For example, when a contact group initiates a management act (by calling in response to a promotional letter, for example), it was previously difficult for the user to determine or identify the promotional letter to which the contact group refers. In the systems described herein, the user is able to quickly use the info sheet to jump to the campaign manager such that the user is informed about the interest of the user.

[00166] The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. The described embodiments are to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes that come within the meaning and range of equivalency of the claims are to be embraced within their scope.